

# BST TRIAC SAFETY KNIFE

METAL DETECTABLE, REUSABLE SAFETY KNIFE

## Product Specifications

KN1212400MB | Revised February 2015



**Product Name:** Triac

**Product Description:** The TRIAC metal detectable safety knife features a trigger activated, spring retractable rear blade, a concealed front safety blade and a plastic pin for tearing packaging. The front safety blade is ideally suited for cutting plastic strapping and sheeting, whereas the spring retractable blade is suited for opening boxes and cutting cardboard.

The body of the knife is manufactured from various grades of food safe metal detectable composite plastics, including Acetal and Teflon. The blades and internal spring are both made from stainless steel, making the whole of the product fully metal detectable and food safe. The knife is compliant with standard No 1935/2004 (CE) of 27<sup>th</sup> October 2004 on materials and articles intended to come into contact with food.

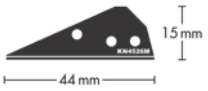
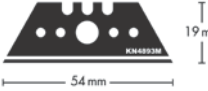
**Product Prefix:** KN1212400MB

**Product Colour:** Blue

**Pack Size:** 1 Knife

- Product Advantages:**
- ✓ Detectable by conventional metal detection systems
  - ✓ Highly visible blue colours for easy visual identification
  - ✓ EU Food Contact Approved
  - ✓ Effective for shrink wrap, plastic strapping and cardboard
  - ✓ Ambidextrous ergonomic design to prevent operator fatigue
  - ✓ Highly resistant against Acetone, Trichloromethane, and day to day detergents
  - ✓ Quick, Easy, Safe and tool free blade change facility

### Replacement Blades:

Blade Description	Blade Size (mm)	Pack Quantity	Order Code	Drawing
Front Blade <i>(Food Grade Stainless Steel)</i>	54 x 19 x 0.30	10 Pack	KN4893M	
Rear Blade <i>(Food Grade Stainless Steel)</i>	44 x 15 x 0.60	10 Pack	KN4526M	



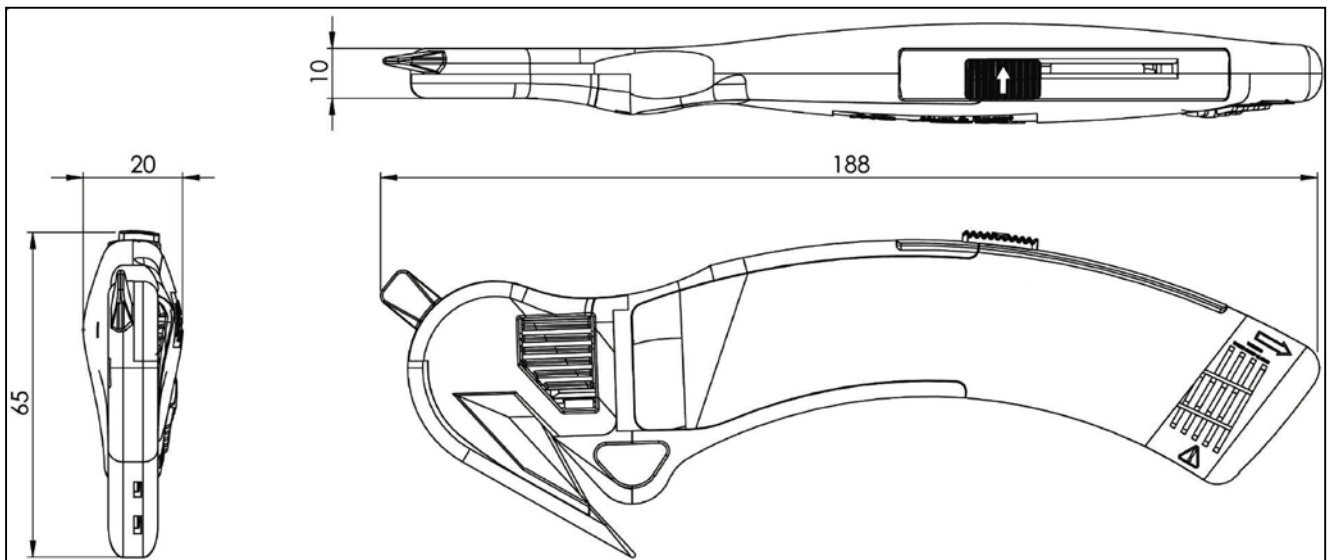
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## Product Material Breakdown:

Unit Weight	Unit Size (mm)	Order Quantity	Parts per Unit	Parts	Part Material	Part Colour(s)
64g	188 x 65 x 20	Individual Knife	9 Parts	Outer Shell A	Teflon+30% FV	Light Blue
				Outer Shell B	Teflon+30% FV	Light Blue
				Rear Trigger	POM / Acetal	Dark Blue
				Rear Blade Holder	POM / Acetal	Dark Blue
				Front Blade Holder	POM / Acetal	Dark Blue
				Shell	POM / Acetal	Dark Blue
				Spring	Stainless Steel	Dark Blue
				Front Blade	Food Processing Stainless Steel	Metallic Grey
				Front Blade	Food Processing Stainless Steel	Metallic Grey

## Technical Drawings:



## Concealed Blade Change Instructions:

Step #1	Step #2	Step #3
Firmly press the release button on the head of the knife and slide the head out of position as shown.	Carefully remove the blade from its position.	Carefully replace the blade, securing it into position. Once in position, slide the head of the knife back into place, securing the blade.

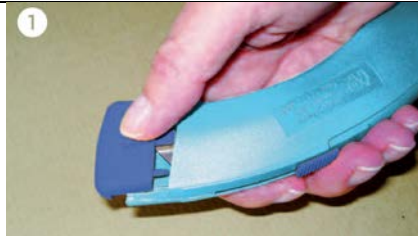
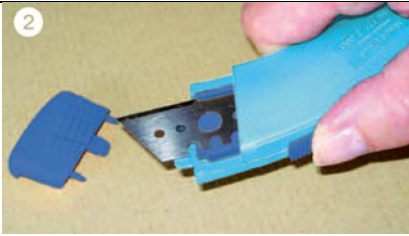
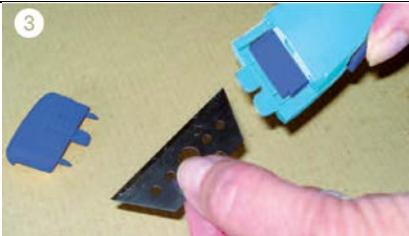


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## Retractable Blade Change Instructions:

Step #1	Step #2	Step #3
Push the rear shell to release it	Carefully activate the trigger to expose the blade. Remove the blade by the front, this can now be replaced or rotated.	After inserting the new or rotated blade into position, carefully release the trigger and replace the rear shell.
		

## Metal Detectability

The body of this safety knife is manufactured using plastic composite materials containing an evenly dispersed metal detectable additive. The detectability of these materials will vary based upon the metal detection systems being used and their calibration. All components of this safety knife are manufactured from metal detectable polymers or stainless steel, making the product fully metal detectable. Detectability performance will vary based on, but not limited to the following factors:

- Detector Calibration Levels
- Food Product Type (E.g. Wet, Dry, Frozen, Liquid)
- Aperture Dimensions
- Contaminant Orientation

For this reason BST recommend that all our products be thoroughly tested on your metal detection systems by a trained and certified professional. It may be the case that your equipment needs to be recalibrated in order to reliably detect this product and its fragments. Such a professional should be available by contacting the manufacturer of your metal detection system.

## DISCLAIMER

The information provided in this product specification sheet is based on our experience and knowledge to date and we believe it to be true and reliable. This information is intended as a guide for your use of our products, the use of which is entirely at your own discretion and risk. We, BS Teasdale & Son Ltd, cannot guarantee favourable results and assume no liability in connection with the use of our products. © 2014 BS Teasdale & Son Ltd. All Content, Data & Images are owned by BS Teasdale & Son Ltd and are protected by international copyright law.

